

INDUSTRIAL COMPONENT DATA

SM1R0025 LOVATO MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 100KA AT 400V, 0.16...0.25A

Brand: LOVATO ELECTRIC | Manufacturer Part Number: SM1R0025



Manufacturer	LOVATO ELECTRIC
MPN / Reference	SM1R0025
Catalog number	10000
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-849FB21EAC
Generated	2026-08-05

Product Overview

MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 100KA AT 400V, 0.16...0.25A

MOTOR PROT.CIRC.BR. SM1R 0,16-0,25A

Motor protection circuit breaker TYPE E, IEC breaking capacity Icu 100kA at 400V, 0.16...0.25A

MOTOR PROTECTION SWITCH TYPE E, ICU INT. POWER AT 400V = 100KA, 0.16...0.25A

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path LOVATO ELECTRIC > Motor protection circuit breakers - LOVATO ELECTRIC

Additional Product Information

SM1R0025

Motor protection circuit breaker TYPE E, IEC breaking capacity Icu 100kA at 400V, 0.16...0.25A

Technical specifications

Type of product:Motor protection circuit breakerThermal trip adjustment range [A]:0.16...0.25Rated current In

[A]:0.25Short-circuit current breaking capacity (Icu) at AC 400V [kA]:100Type of protection:Magnetic and thermalType of control:Rotary knobCertified UL Type E:YesOrder code SM1R0025

Weight [g] 270

Qty. per package 1

Multiple qty. of packs per order 1

Package dimensions [mm] 090X047X086

Volume [cm³] 363.78
Bar code [EAN13] 8013975216279
HS Code 85362010
59.45 £
ETIM for SM1R0025 Low-voltage industrial controls and switchgear (EC000074)
Feature Name
Feature Value
Device construction (EF008240)
Complete device in housing
Switch off technique (EF007007)
Thermomagnetic
Type of control element (EF006976)
Rocker lever
Type of electrical connection of main circuit (EF006819)
Screw connection
Degree of protection (IP) (EF005474)
IP20
Adjustment range undelayed short-circuit release (EF007131)
2.5 A
Overload release current setting (EF002336)
0.16 A
Rated operating voltage (EF001435)
0 V
Phase failure sensitive (EF007400)
Yes
With thermal overload protection (EF006233)
Yes
With integrated under voltage release (EF001390)
No
With integrated auxiliary switch (EF001387)
No
Rated short-circuit breaking capacity I_{cu} at 400 V, AC (EF007049)
100 kA
Number of poles (EF001391)
3
Rated permanent current I_u (EF001389)
0.25 A
Depth (EF000049)
91 mm
Height (EF00004...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LOVATO ELECTRIC / SM1R0025 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.